INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Application Number FM-212J Applicant(s) Peter A. Warren						
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*EXAMINER REF DOCUMENT NUMBER D			DATE		NAME	CLASS	SUBCLASS	FILING DATE			
RA		187,078	2/6/1877	J.S. Adams				IF APPROP	RIATE		
)		940,399	11/16/1909	W. Mueser		F	RECE	VED			
		1,026,801	5/21/1912	L.G. H	aase	•	NØV 2 (2002			
		1,971,500	8/28/1934	L.S. Pa	lmer	G			n		
		1,981,938	11/27/1934	C.H. A	nderson	9		000			
		2,210,833	8/6/1940	L.E. CI	ough						
		2,461,916	2/15/1949	A.G. O	mar						
		2,695,795	11/30/1954	W.J. T	amminga	1/					
		2,960,924	11/22/1960	F.S. Gr	ott	<i>X</i>					
		3,035,708	5/22/1962	C.R. Fı	reeman						
1/		3,326,497	6/20/1967	G.P. Michelson							
V					FOREIGN PATENT DOCUMENTS						
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Transls YES	NO NO		
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J/A		Jensen, David W., "A 6 5 pp 8-16 (Sep./Oct. 20	Glimpse Into the V 00).	Vorld of In	novative Composite Iso Ti	russ TM Grid Si	tructures", Sai	mple J., vol.	36, No.		
OF	7	Mikulas, Martin M. Jr National Aeronautics a	., "Structural Effi and Space Admini	<i>ciency of I</i> stration L	Long Lightly Loaded Trus angley Research Center, I	s and Isogrid Co Hampton, Virgi	olumns for Spania 23665, pp.	ace Applicate 1-27, Jul. 1	ions", 978.		
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*EXAMIN INITIAL	ER		DOCUMENT NUMBER	DATE		NAME		SUBCLASS	FILING DATE IF APPROPRIATE		
PA	7		3,459,391	8/5/1969	J.G. Ha	ynos			,		
			3,460,992	8/12/1969	V.Z. Av	ilov et al.					
			3,473,758	10/21/1969	James F	E. Webb	R	ECEIV	<u>/</u>		
			3,477,662	11/11/1969	P.N. An	derson		NOV 2 6			
			3,612,287	10/12/1971	Roy A.	Maltese	GF	OUP	3600		
			3,652,935	3/28/1972	Shaw						
			3,677,508	7/18/1972	Dillard	et al.		/			
			3,690,080	9/12/1972	Dillard						
			3,733,758	5/22/1973	Maier e	et al.					
			3,757,476	9/11/1973	Schoen ,		/				
1	U		3,818,948 6/25/1974 Hedge		Hedges	·					
				FORE	IGN PATE	NT DOCUMENTS					
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PA	ļ.		3,875,711	4/8/1975	Palmer	Palmer					
1			4,030,102	6/14/1977	Kaplan	et al.	R	CEIV	ED		
			4,137,686	2/6/1979	Kern			NOV 2 6 2	002		
			4,145,765	3/27/1979	Malone	e	GR	OUP;	3600		
			4,148,163	4/10/1979	Chenin	et al.					
			4,163,303	8/7/1979	Hanna						
			4,250,679	2/17/1981	Burg						
			4,259,821	4/7/1981	Bush						
			4,334,391	6/15/1982	Hedge	peth et al.					
			4,365,908	12/28/1982	Thibou	itot					
	Δ		4,384,163	5/17/1983	Rauschenbach et al.						
	′ —.			FORI	EIGN PATI	ENT DOCUMENTS					
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DA		4,41	7,427		11/29/1983	Bschori	•			-			
		4,44	6,662		5/8/1984	Humph	ries	\perp R	ECEN	/ED	/		
		4,45	3,353		6/12/1984	Killop e	et al.		NOV 2 6	2002			
		4,48	0,415		11/6/1984	Truss		GF	30UP	260C)		
		4,55	8,911		12/17/1985	Ruoff					` .		
		4,57	4,553		3/11/1986	Lisec							
		4,57	9,302		4/1/1986	Schneid	ler et al.						
		4,60	3,521		8/5/1986	Engelha	art		/				
		4,61	3,870		9/23/1986	Stonier							
		4,61	4,502		9/30/1986	Nelson							
1		4,65	5,022		4/7/1987	Natori							
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DA		4,666,107	5/19/1987	Berry	Berry					
		4,686,134	8/11/1987	Ono		R	ECEI	VED		
		4,723,579	2/9/1988	Hyodo	et al.		NOV 2 6	2002		
		4,778,184	10/18/1988	Fleische	er	G	ROUP	3600		
		4,955,742	9/11/1990	Marks						
		4,958,474	9/25/1990	Adams,	Louis R.					
		5,016,374	5/21/1991	Engstro	om					
		5,094,046	3/10/1992	Preiswe	erk					
		5,163,262	11/17/1992	Adams						
		5,167,160	12/1/1992	Hall, II						
	5,228,644 7/20/1993		Garriot	t et al.						
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PA		5,315,795	5/31/1994	Chae et	al.					
1		5,319,905	6/14/1994	Szirtes		D				
		5,355,555	10/18/1994	Zareliu	s		CEIV	_		
		5,366,012	11/22/1994	Lohbec	k		VUV 2/6 2			
		5,390,463	2/21/1995	Sollner		GH	OÚP 3	8600		
		5,520,476	5/28/1996	Marks _.	et al.		/			
		5,520,747	5/28/1996	Marks						
		5,664,380	9/9/1997	Hsueh						
:		5,680,145	10/21/1997	Thomson et al.						
		5,720,452	2/24/1998	Mutsch	ler Jr. ,					
\mathcal{L}		5,785,280	7/28/1998	Baghda	sarian					
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A s	1	5,804,277	9/8/1998	Ashbee				I A THOTNATE	
		5,833,176	11/10/1998	Rubin e	et al.			/	
		5,857,648	1/12/1999	Dailey (et al.				
		5,921,048	7/13/1999	Franco	m et al.				
		5,924,745	7/20/1999	Campb	ell		REC	-11/	
		5,977,932	11/2/1999	Robinse	on		Nov	C 2000	
		6,028,570	2/22/2000	Gilger	et al.		CPOU	D 0000	
		6,102,339	8/15/2000	Wu et a	Wu et al.		anoo	P 3600	
		6,168,116 B1	1/2/2001	Renshall et al.					
		6,178,702 B1	1/30/2001	Hand et al.					
_\'/	/	6,343,442 B1	2/5/2002	Marks					
			FORE	IGN PATE	NT DOCUMENTS				
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JF-	6,374,565 B1	4/23/2002	Warren	.					
	Re. 28,672	1/6/1976	Wakem	an		RECE	- 		
	10/144,236	4/2/2002	Peter A	. Warren		NOVS	IVE(<i></i>	
	10/188,721	7/2/2002	Warrer	et al.		700	L		
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